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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/595,611	06/15/2006	Michael David Buist	P07558US00	3529
22885 7590 03/22/2012 MCKEE, VOORHEES & SEASE, P.L.C. 801 GRAND AVENUE SUITE 3200 DES MOINES, IA 50309-2721			EXAMINER RAJ, RAJIV J	
			ART UNIT 3626	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patatty@ipmvs.com

Office Action Summary	Application No. 10/595,611	Applicant(s) BUIST, MICHAEL DAVID	
	Examiner RAJIV RAJ	Art Unit 3626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 August 2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-44 and 47-76 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-44 and 47-76 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>21 June 2011</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

CONTINUED EXAMINATION UNDER 37 CFR 1.114

1. A REQUEST FOR CONTINUED EXAMINATION UNDER 37 CFR 1.114, INCLUDING THE FEE SET FORTH IN 37 CFR 1.17(E), WAS FILED IN THIS APPLICATION AFTER FINAL REJECTION. SINCE THIS APPLICATION IS ELIGIBLE FOR CONTINUED EXAMINATION UNDER 37 CFR 1.114, AND THE FEE SET FORTH IN 37 CFR 1.17(E) HAS BEEN TIMELY PAID, THE FINALITY OF THE PREVIOUS OFFICE ACTION HAS BEEN WITHDRAWN PURSUANT TO 37 CFR 1.114. APPLICANT'S SUBMISSION FILED ON 10 AUGUST 2010 HAS BEEN ENTERED.

Status of Claims

2. This action is in reply to the application filed on 04 November 2009.
3. Claim 47 has been amended.
4. Claims 1-44 & 47-76 are currently pending and have been examined.

Priority

5. Applicant's claim for the benefit of a prior-filed application under 35 U.S.C. 119(e) or under 35 U.S.C. 120, 121, or 365(c) is acknowledged.

Claim Rejections - 35 USC § 112

6. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
7. In light of amendment and arguments, the previous rejection of claims 18, 22-24, 26, 29, 34-44 & 43 are withdrawn.
8. In light of amendment and arguments, the previous rejection of claims 47-68, & 74 is withdrawn.

Claim Rejections - 35 USC § 103

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

11. Claims 1-9, 11-23, 25-37, 39-44, 47-56 & 58-76 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shimizu et al. (US 2005/0021375 A1) (hereinafter Shimizu) in view of Sato et al. (US 5911687) (hereinafter Sato).

Claim 1

Shimizu as shown, discloses the following limitations:

- *obtaining patient data relating to the health of a patient;* (see at least Shimizu Claims:1-5 Fig:1-3 Items:110-131C, S10-S30 & related text)
- *processing said patient data in an administrative system having a server having a risk assessment module, to generate a risk status that provides an indication of risk to the patient's health;* (see at least Shimizu Fig:1-2, 10 Items:110-131C, S10-S30, 1-20 & related text)
- *selecting a health care provider to attend said patient on the basis of said generated risk status;* (see at least Shimizu [0041-52,56] Claims:1-5 Fig:3-4 & related text)

- *waiting a corresponding defined period of time to receive a confirmation that the selected health care provider has attended the patient;* (see at least Shimizu [0086,115-116,130,149,158] Claims:12,16,18)
- *responsive to the corresponding defined period of time having elapsed and the confirmation not having been received, ..., and repeating steps (iv) to (vi) using the newly selected health care provider as the selected health care provider;* (see at least Shimizu [0070-71,143] Claims:1-5 Fig:2,8-9 & related text)

Shimizu does not disclose the following limitations, however Sato, as shown does:

- *transmitting directions to respective health care provider to attend the patient,* (see at least Sato Claims:1-5)
- *selecting a previously unselected health care provider to attend the patient on the basis of the patient's risk status;* (see at least Sato Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 2

The combination of Shimizu/Sato disclose all the limitation of claim 1. Sato further discloses the following limitation:

- *direction includes said risk status;* (see at least Sato Claims:1-5 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 3

The combination of Shimizu/Sato disclose all the limitation of claim 1. Sato further discloses the following limitation:

- *direction includes said risk status and at least part of said patient data;* (see at least Sato Claims:1-5 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 4

The combination of Shimizu/Sato disclose all the limitation of claim 1. Shimizu further discloses the following limitation:

- *selecting another health care provider to attend said patient on the basis of the patient's risk status;* (see at least Shimizu Claims:1-5 Fig:1-4 Items:110-131C,S10-S30,401-402 & related text)
- *waiting a corresponding defined period of time to receive an acceptance of the transmitted direction from the selected another health care provider;* (see at least Shimizu [0086,115-116,130,149,158] Claims:12,16,18)
- *responsive to the corresponding defined period of time having elapsed and the confirmation not having been received, ..., and repeating steps (iv) to (vi) using the newly selected health care provider as the selected health care provider;* (see at least Shimizu [0070-71,143] Claims:1-5 Fig:2,8-9 & related text)

Shimizu does not disclose the following limitations, however Sato, as shown does:

- *transmitting a direction to the selected another health care provider to attend the patient,* (see at least Sato Claims:1-5)
- *selecting a previously unselected health care provider to attend the patient on the basis of the patient's risk status;* (see at least Sato Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 5

The combination of Shimizu/Sato disclose all the limitation of claim 1. Shimizu further discloses the following limitation:

- *a direction is transmitted to a health care provider in response to receipt of a rejection of a previously transmitted direction from a previously directed health care provider within a corresponding time period;* (see at least Shimizu [0086,115-116,130,149,158]
Claims:12,16,18)

Claim 6

The combination of Shimizu/Sato disclose all the limitation of claim 1. Sato further discloses the following limitation:

- *wherein the corresponding time period is determined by the patient risk status;* (see at least Sato Claims:1-5 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 7

The combination of Shimizu/Sato disclose all the limitation of claim 1. Shimizu further discloses the following limitation:

- *predetermining the risk status for the patient in response to non-receipt of a confirmation that a previously directed health care provider has attended the patient within a corresponding time*

period, the predetermined risk status providing an indication of increased risk to the patient's health (see at least Shimizu Fig:1-4 & related text)

Claim 8

The combination of Shimizu/Sato disclose all the limitation of claim 7. Sato further discloses the following limitation:

- *wherein each transmitted direction includes an indication of the corresponding risk status for the patient.* ; (see at least Sato Claims:1-5 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 9

The combination of Shimizu/Sato disclose all the limitation of claim 1. Shimizu further discloses the following limitation:

- *patient data includes a plurality of health parameters of said patient;* (see at least Shimizu Fig:4-8 Items:401-801 & related text)

Claim 11

The combination of Shimizu/Sato disclose all the limitation of claim 9. Shimizu further discloses the following limitation:

- *said risk status is determined on the basis of said plurality of health parameters and one or more co-morbidity factors;* (see at least Shimizu Fig:4-8 Items:401-801 & related text)

Claim 12

The combination of Shimizu/Sato disclose all the limitation of claim 9. Shimizu further discloses the following limitation:

- *said plurality of health parameters includes at least two of blood pressure, heart rate, respiration rate, oxygen saturation, consciousness level, urine output, temperature, level*

of consciousness and pain score; (see at least Shimizu Fig:4-8 Items:401-801 & related text)

Claim 13

The combination of Shimizu/Sato disclose all the limitation of claim 9. Shimizu further discloses the following limitation:

- *processing said patient data includes processing said plurality of health parameters to determine measures of risk, and determining said risk status on the basis of said measures of risk; (see at least Shimizu Fig:4-8 Items:401-801 & related text)*

Claim 14

The combination of Shimizu/Sato disclose all the limitation of claim 13. Sato further discloses the following limitation:

- *said measures of risk correspond to respective health systems of said patient; (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:7-10 & related text)*

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 15

The combination of Shimizu/Sato disclose all the limitation of claim 14. Shimizu further discloses the following limitation:

- *said health systems of said patient include neurological, respiratory, cardiovascular, urinary, and temperature health systems; (see at least Shimizu Claims:1-5 Fig:1-4 801 & related text)*

Claim 16

The combination of Shimizu/Sato disclose all the limitation of claim 13. Sato further discloses the following limitation:

- *said risk status is selected from a plurality of predetermined risk status levels; (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:7-10 & related text)*

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 17

The combination of Shimizu/Sato disclose all the limitation of claim 16. Sato further discloses the following limitation:

- *said measures of risk are selected from a plurality of predetermined risk level; (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:7-10 & related text)*

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 18

The combination of Shimizu/Sato disclose all the limitation of claim 16. Sato further discloses the following limitation:

- *when one or more of said measures of risk is equal to the highest of said plurality of predetermined risk levels, selecting said risk status as the highest of said plurality of predetermined risk status levels, otherwise, when two or more of said measures of risk are greater than the lowest of said plurality of predetermined risk levels, selecting said risk status as the highest of said two or more measures of risk, and incrementing said risk status by one level unless said risk status is equal to the highest of said plurality of predetermined risk levels; (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:7-10 & related text)*

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 19

The combination of Shimizu/Sato disclose all the limitation of claim 13. Sato further discloses the following limitation:

- *said risk status is determined on the basis of first rules applied to said measures of risk;*
(see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 20

The combination of Shimizu/Sato disclose all the limitation of claim 19. Sato further discloses the following limitation:

- *the measures of risk are determined on the basis of second rules applied to at least some of said health parameters;* (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 21

The combination of Shimizu/Sato disclose all the limitation of claim 20. Sato further discloses the following limitation:

- *said first rules and said second rules are configurable by a riser; (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:7-10 & related text)*

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 22

The combination of Shimizu/Sato disclose all the limitation of claim 18. Sato further discloses the following limitation:

- *said determining further includes incrementing said risk status by one level when a selected health care provider has not attended the patient within the corresponding time period; (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:7-10 & related text)*

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 23

The combination of Shimizu/Sato disclose all the limitation of claim 22. Sato further discloses the following limitation:

- *said determining further includes limiting the level of said risk status to less than the highest of said plurality of predetermined risk levels unless the patient is experiencing a life-threatening event; (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:7-10,14-18 & related text)*

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 25

The combination of Shimizu/Sato disclose all the limitation of claim 1. Sato further discloses the following limitation:

- *the direction is transmitted to one or more wireless devices of said health care provider;*
(see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:1-4 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 26

The combination of Shimizu/Sato disclose all the limitation of claim 1. Shimizu further discloses the following limitation:

- *said health systems of said patient include neurological, respiratory, cardiovascular, urinary, and temperature health systems;* (see at least Shimizu Claims:1-5 Fig:1-2 & related text)

Claim 27

The combination of Shimizu/Sato disclose all the limitation of claim 1. Sato further discloses the following limitation:

- *the direction is transmitted to at least two devices associated with said health care provider substantially at the same time if said risk status is indicative of a significant health risk to said*

patient; (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:1-4 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 28

The combination of Shimizu/Sato disclose all the limitation of claim 25. Sato further discloses the following limitation:

- *said one or more wireless devices includes one or more of a telephone, a personal data assistant, and a portable computing device*; (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:1-4 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 29

The combination of Shimizu/Sato disclose all the limitation of claim 1. Sato further discloses the following limitation:

- *receiving availability data indicating the availability of at least one health care provider, wherein a health care provider is selected only when said health care provider is available to attend said patient*; (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:1-4 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the

motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 30

The combination of Shimizu/Sato disclose all the limitation of claim 1. Sato further discloses the following limitation:

- *step of selecting includes selecting a type of health care provider on the basis of said risk status;* (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:1-4,7 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 31

The combination of Shimizu/Sato disclose all the limitation of claim 30. Shimizu further discloses the following limitation:

- *the type of health care provider includes one of a nurse, a doctor, a registrar, a consultant, and a cardiac arrest response team;* (see at least Shimizu Claims:1-5 Fig:1-2 & related text)

Claim 32

The combination of Shimizu/Sato disclose all the limitation of claim 30. Sato further discloses the following limitation:

- *step of selecting includes selecting a health care provider of the selected type on the basis of availability data indicating the availability of the health care provider to attend said patient;* (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:1-4,7 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 33

The combination of Shimizu/Sato disclose all the limitation of claim 1. Sato further discloses the following limitation:

- *the direction transmitted to said health care provider includes an intervention activity associated with said risk status;* (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:1-4,7 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 34

Shimizu as shown, discloses the following limitations:

- *obtaining patient data relating to the health of said patient;* (see at least Shimizu Claims:1-5 Fig:1-3 Items:110-131C, S10-S30 & related text)
- *transmitting a first direction to a first health care provider to attend the patient, the first direction including the risk status of the patient;* (see at least Shimizu [0086,115-116,130,149,158] Claims:12,16,18)

Shimizu does not disclose the following limitations, however Sato, as shown does:

- *determining a risk status of said patient based on said patient data from a server having a risk assessment module;* (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:1-4,7 & related text)
- *determining whether the first health care provider confirms attendance at the patient;* (see at least Sato Claims:1-5 Fig:1-4 & related text)
- *transmitting a second direction to a second health care provider to attend the patient when attendance by the first health care provider was not confirmed,;* (see at least Sato Claims:1-5 Fig:16 Items:S1101-1111 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 35

The combination of Shimizu/Sato disclose all the limitation of claim 34. Sato further discloses the following limitation:

- *the second direction includes an increased risk status of the patient;* (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:1-4,7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 36

The combination of Shimizu/Sato disclose all the limitation of claim 35. Sato further discloses the following limitation:

- *the first direction includes a first time period for attending the patient the second direction includes a second time period for attending the patient;* (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:1-4,7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 37

The combination of Shimizu/Sato disclose all the limitation of claim 36. Sato further discloses the following limitation:

- *the first time period is associated with the determined risk status the second time period is associated with the increased risk status;* (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:1-4,7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 39

The combination of Shimizu/Sato disclose all the limitation of claim 36. Sato further discloses the following limitation:

- *determining whether the health care provider confirms attendance at the patient within the second period; and transmitting a third direction to a third health care provider to attend the patient when attendance by the second health care provider was not confirmed within the second time period;* (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:1-4,7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 40

The combination of Shimizu/Sato disclose all the limitation of claim 39. Sato further discloses the following limitation:

- *the third direction includes a further increased risk status of the patient;* (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:1-4,7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the

motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 41

The combination of Shimizu/Sato disclose all the limitation of claim 39. Sato further discloses the following limitation:

- *the third direction includes a further increased risk status of the patient;* (see at least Sato Claims:1-5 Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:1-4,7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 42

The combination of Shimizu/Sato disclose all the limitation of claim 34. Shimizu further discloses the following limitation:

- *determining whether the most recently directed health care provider confirms attendance at the patient within a corresponding time period;* (see at least Shimizu [0070-71,143] Claims:1-5 Fig:2,8-9 & related text)
- *selecting a further one of a plurality of health care providers on the basis of the redetermined risk status;* (see at least Shimizu [0041-50,56] Claims:1-5 Fig:3-4 & related text)
- *repeating steps (i) to (iv) until attendance by a health care provider at the patient is confirmed;* (see at least Shimizu [0070-71,143] Claims:1-5 Fig:2,8-9 & related text)

Shimizu does not disclose the following limitations, however Sato, as shown does:

- *re-determining the risk status of the patient, the redetermined risk status providing an indication of increased risk to the patient's health due to non-attendance of a health care provider at the patient;* (see at least Sato Claims:1-5)

- *transmitting a direction to the selected health care provider to attend the patient;* (see at least Sato Column:8 Lines:28-67 Column:9 Lines:1-25 Claims:1-5 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 43

Shimizu as shown, discloses the following limitations:

- *determining a risk level representing a risk to a patient's health; selecting one of a plurality of health care providers to attend the patient on the basis of the determined risk level;* (see at least Shimizu [0041-52,56] Claims:1-5 Fig:1-4,10 Items:110-131C, S10-S30, 1-20 & related text)
- *repeating at least steps (i) to (iii) when the patient is not attended by the selected health care provider within a defined time period;* (see at least Shimizu [0070-71,143] Claims:1-5 Fig:2,8-9 & related text)

Shimizu does not disclose the following limitations, however Sato, as shown does:

- *requesting the selected health care provider to attend the patient;* (see at least Sato Column:8 Lines:28-67 Column:9 Lines:1-25 Claims:1-5 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 44

Shimizu/Sato teaches the limitations of claim 43. As per the following limitations:

- *step of repeating includes repeating at least steps (i) to (iii);* (see at least Shimizu [0070-71,143] Claims:1-5 Fig:2,8-9 & related text)

Shimizu does not disclose the following limitations, however Sato, as shown does:

- *if the patient is not attended by the selected health care provider within a corresponding defined time period;* (see at least Sato Column:8 Lines:28-67 Column:9 Lines:1-25 Claims:1-5 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 47

Shimizu as shown, discloses the following limitations:

- *computerised means for logging patient data relating to health of said one or more patients;* (see at least Shimizu Fig:1,3,11 & related text)
- *an administration system in communication with said computerised means and configured to determine a risk status of each of said one or more patients based on the patient data, said administration system being further configured to, for each patient;* (see at least Shimizu Claims:1-12 Fig:1-4 & related text)

Shimizu does not disclose the following limitations, however Sato, as shown does:

- *transmit a first direction to a first health care provider to attend the patient, depending on the risk status of the patient;* (see at least Sato Claim:1-5 Fig:1-4 & related text)
- *when said attendance is not confirmed;* (see at least Sato Column:8 Lines:28-67 Column:9 Lines:1-25 Claims:1-5 Fig:7-10 & related text)
- *transmit a second direction to a second health care provider to attend the patient within a second time period;* (see at least Sato Claim:1-5 Fig:1-4 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the

motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 49

The combination of Shimizu/Sato disclose all the limitation of claim 47. Sato further discloses the following limitation:

- *the first and second directions are effected by automatic transmission of a message to portable electronic devices associated with the respective first or second health care providers;* (see at least Sato Fig:1-3 Items:100-308 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 50

The combination of Shimizu/Sato disclose all the limitation of claim 49. Sato further discloses the following limitation:

- *the first and second directions are transmitted as wireless communications;* (see at least Sato Fig:1-3 Items:100-308 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 51

The combination of Shimizu/Sato disclose all the limitation of claim 47. Shimizu further discloses the following limitation:

- *wherein the patient data includes data relating to a plurality of health parameters;* (see at least Shimizu Claims:1-5 Fig:1-3 Items:110-131C, S10-S30 & related text)

Claim 52

The combination of Shimizu/Sato disclose all the limitation of claim 47. Sato further discloses the following limitation:

- *the first and second directions are transmitted as wireless communications the first direction is only transmitted when the risk status is equal to or above a threshold level;* (see at least Sato Claims:1-5 Fig:1-4,7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 53

The combination of Shimizu/Sato disclose all the limitation of claim 47. Sato further discloses the following limitation:

- *the first direction is only transmitted when the risk status is equal to or above a threshold level;* (see at least Sato Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 54

The combination of Shimizu/Sato disclose all the limitation of claim 47. Sato further discloses the following limitation:

- *the first and second directions include a request to confirm that the relevant health care provider intends to comply with the direction;* (see at least Sato Claims:1-5 Fig:1-4,7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 55

The combination of Shimizu/Sato disclose all the limitation of claim 47. Sato further discloses the following limitation:

- *the administration system increases the risk status of the patient if it determines that the first health care provider has not confirmed attendance at the patient within the first time period;*
(see at least Sato Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 56

The combination of Shimizu/Sato disclose all the limitation of claim 47. Sato further discloses the following limitation:

- *the administration system is further configured to determine whether the second health care provider has confirmed attendance at the patient within the second time period and to transmit a third direction to a third health care provider to attend the patient within a third time period if attendance by the second health care provider was not confirmed within the second time period;* (see at least Sato Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the

motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 58

The combination of Shimizu/Sato disclose all the limitation of claim 47. Sato further discloses the following limitation:

- *the computerised means include a plurality of computerised devices networked with, but located remotely from, the administration system;* (see at least Sato Claims:1-5 Fig:1-2b & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 59

The combination of Shimizu/Sato disclose all the limitation of claim 47. Sato further discloses the following limitation:

- *each computerised device is located nearby the one or more patients;* (see at least Sato Claims:1-5 Fig:1-2b & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 60

The combination of Shimizu/Sato disclose all the limitation of claim 47. Sato further discloses the following limitation:

- *the computerised means is a wireless handheld device;* (see at least Sato Claims:1-5 Fig:1-2b & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 61

The combination of Shimizu/Sato disclose all the limitation of claim 47. Sato further discloses the following limitation:

- *the computerised means includes a personal computer with appropriate input means for logging the patient data;* (see at least Sato Claims:1-5 Fig:1-2b & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 62

The combination of Shimizu/Sato disclose all the limitation of claim 47. Shimizu further discloses the following limitation:

- *the administration system includes a centralised server having a risk assessment module for determining the risk status and a communications module for transmitting directions to health care providers;* (see at least Shimizu Fig:1-4 & related text)

Claim 63

The combination of Shimizu/Sato disclose all the limitation of claim 47. Shimizu further discloses the following limitation:

- *wherein the direction to the health care provider are transmitted to at least two contact devices of the health care provider;* (see at least Shimizu Fig:1-4 & related text)

Claim 64

The combination of Shimizu/Sato disclose all the limitation of claim 63. Shimizu further discloses the following limitation:

- *wherein a direction to the health care provider is transmitted to at least two contact devices of the health care provider substantially at the same time; (see at least Shimizu Fig:1-4 & related text)*

Claim 65

The combination of Shimizu/Sato disclose all the limitation of claim 47. Sato further discloses the following limitation:

- *the direction is in the form of a recorded voice message directed to a telephone number associated with the health care provider; (see at least Sato Claims:1-5 Fig:1-2b & related text)*

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 66

The combination of Shimizu/Sato disclose all the limitation of claim 47. Sato further discloses the following limitation:

- *the administration system is configured to transmit directions to respective health care providers to attend the patient, wherein a direction is transmitted to a health care provider in response to non-receipt of a confirmation that a previously directed health care provider has attended the patient within a corresponding time period; (see at least Sato Column:8 Lines:28-67 Column:9 Lines:1-25 Fig:7-10 & related text)*

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the

motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 67

The combination of Shimizu/Sato disclose all the limitation of claim 66. Sato further discloses the following limitation:

- *the administration system is further configured to re-determine the risk status of the patient in response to non-receipt of said confirmation, the redetermined risk status providing an indication of increased risk to the patient's health due to non-attendance of a health care provider at the patient;* (see at least Sato Column:8 Lines:28-67 Column:9 Lines:1-25 Claims:1-5 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 68

The combination of Shimizu/Sato disclose all the limitation of claim 67. Sato further discloses the following limitation:

- *the administration system is further configured to select a further one of the health care providers on the basis of the redetermined risk status, and to transmit a directions to the selected health care provider to attend the patient;* (see at least Sato Column:8 Lines:28-67 Column:9 Lines:1-25 Claims:1-5 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 69

Shimizu as shown, discloses the following limitations:

- *receiving patient data relating to the health of a patient;* (see at least Shimizu Claims:1-5 Fig:1-3 Items:110-131C, S10-S30 & related text)
- *processing said patient data to determine a risk status providing an indication of risk to the patient's health;* (see at least Shimizu Fig:1-2,10 & related text)
- *selecting a health care provider to attend said patient on the basis of said risk status;* (see at least Shimizu [0041-52,56] Claims:1-5 F Fig:3-4 & related text)
- *wherein a direction is transmitted to a health care provider in response;* (see at least Shimizu [0070-71,143] Claims:1-5 Fig:2,8-9 & related text)

Shimizu does not disclose the following limitations, however Sato, as shown does:

- *transmitting directions to respective health care provider to attend the patient;* (see at least Sato Claim:1-5 Fig:16 Items:S1101-1111 & related text)
- *to non-receipt of a confirmation that a previously directed health care provider has attended the patient within a corresponding time period;* (see at least Sato Column:8 Lines:28-67 Column:9 Lines:1-25 Claims:1-5 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 70

Shimizu as shown, discloses the following limitations:

- *receiving patient data relating to the health of a patient;* (see at least Shimizu Claims:1-5 Fig:1-3 Items:110-131C, S10-S30 & related text)
- *processing said patient data to determine a risk status providing an indication of risk to the patient's health;* (see at least Shimizu Fig:1-2,10 & related text)

- *selecting a health care provider to attend said patient on the basis of said risk status;* (see at least Shimizu [0041-52,56] Claims:1-5 F Fig:3-4 & related text)
- *wherein a direction is transmitted to a health care provider in response;* (see at least Shimizu [0070-71,143] Claims:1-5 Fig:2,8-9 & related text)

Shimizu does not disclose the following limitations, however Sato, as shown does:

- *transmitting directions to respective health care provider to attend the patient;* (see at least Sato Claim:1-5 Fig:16 Items:S1101-1111 & related text)
- *to non-receipt of a confirmation that a previously directed health care provider has attended the patient within a corresponding time period;* (see at least Sato Column:8 Lines:28-67 Column:9 Lines:1-25 Claims:1-5 Fig:7-10 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 71

The combination of Shimizu/Sato disclose all the limitation of claim 1. Sato further discloses the following limitation:

- *attending the patient requires attendance at the patient's bedside;* (see at least Sato Column:1 Lines:15-57 Column:2 Lines:1-67 Column:3 Lines:1-62 Fig:1 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 72

The combination of Shimizu/Sato disclose all the limitation of claim 34. Sato further discloses the following limitation:

- *attending the patient requires attendance at the patient's bedside;* (see at least Sato Column:1 Lines:15-57 Column:2 Lines:1-67 Column:3 Lines:1-62 Fig:1 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 73

The combination of Shimizu/Sato disclose all the limitation of claim 43. Sato further discloses the following limitation:

- *attending the patient requires attendance at the patient's bedside;* (see at least Sato Column:1 Lines:15-57 Column:2 Lines:1-67 Column:3 Lines:1-62 Fig:1 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 74

The combination of Shimizu/Sato disclose all the limitation of claim 47. Sato further discloses the following limitation:

- *attending the patient requires attendance at the patient's bedside;* (see at least Sato Column:1 Lines:15-57 Column:2 Lines:1-67 Column:3 Lines:1-62 Fig:1 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 75

The combination of Shimizu/Sato disclose all the limitation of claim 69. Sato further discloses the following limitation:

- *attending the patient requires attendance at the patient's bedside;* (see at least Sato Column:1 Lines:15-57 Column:2 Lines:1-67 Column:3 Lines:1-62 Fig:1 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Claim 76

The combination of Shimizu/Sato disclose all the limitation of claim 70. Sato further discloses the following limitation:

- *attending the patient requires attendance at the patient's bedside;* (see at least Sato Column:1 Lines:15-57 Column:2 Lines:1-67 Column:3 Lines:1-62 Fig:1 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

12. Claims 10 7 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shimizu in view of Sato in further view of Nevin et al. (US 2003/0130873 A1) (hereinafter Nevin).

Claim 10

The combination of Shimizu/Sato disclose all the limitation of claim 9. Nevin further discloses the following limitation:

- *said risk status is determined on the basis of said plurality of health parameters and a not for-resuscitation (NFR) status of said patient;* (see at least Nevin [0126])

It would have been obvious to one of ordinary skill in the art to add this feature of Nevin into Shimizu/Sato. One of ordinary skill in the art would have added this feature into Shimizu/Sato with the motivation of providing a system and method for managing patient medical data for administering higher quality and more cost-efficient healthcare. (see at least Nevin [0020])

Claim 24

The combination of Shimizu/Sato disclose all the limitation of claim 22. Sato further discloses the following limitation:

- *said determining further includes limiting the level of said risk status to less than the highest of said plurality of predetermined risk level ...;* (see at least Sato Column:1 Lines:15-57 Column:2 Lines:1-67 Column:3 Lines:1-62 Fig:1 & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Sato into Shimizu. One of ordinary skill in the art would have added this feature into Shimizu with the motivation of providing a more efficient and comprehensive system for facilitating and administering health care to patients. (see at least Sato Column:2 Lines:1-6)

Shimizu/Sato does not disclose the following limitations, however Nevin, as shown does:

- *patient is subject to a not-for-resuscitation order, even if the patient is experiencing a life-threatening event;* (see at least Nevin [0126])

It would have been obvious to one of ordinary skill in the art to add this feature of Nevin into Shimizu/Sato. One of ordinary skill in the art would have added this feature into Shimizu/Sato with the motivation of providing a system and method for managing patient medical data for administering higher quality and more cost-efficient healthcare. (see at least Nevin [0020])

13. Claims 38,48 & 57 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shimizu in view of Sato in further view of Russek (US 5319355) (hereinafter Russek).

Claim 38

The combination of Shimizu/Sato disclose all the limitation of claim 36. Russek further discloses the following limitation:

- *the second time period is equal to or less than the first time period;* (see at least Russek Column:8 Lines:20-30 Column:9 Lines:22-59 Column:12 Lines:37-50 Column:13 Lines:14-19 Column:14 Lines:16-26 Claims:14-16)

It would have been obvious to one of ordinary skill in the art to add the feature of Russek into Shimizu/Sato. One of ordinary skill in the art would have added this feature into Shimizu/Sato with the motivation to provide a more effective and accurate invention for managing & monitoring communicated patient medical data. (see at least Russek Column:3 Lines:50-67 Column:4 Lines:1-64 Claims:14-16)

Claim 48

The combination of Shimizu/Sato disclose all the limitation of claim 22. Russek further discloses the following limitation:

- *the second time period is equal to or less than the first time period;* (see at least Russek Column:8 Lines:20-30 Column:9 Lines:22-59 Column:12 Lines:37-50 Column:13 Lines:14-19 Column:14 Lines:16-26 Claims:1)

It would have been obvious to one of ordinary skill in the art to add the feature of Russek into Shimizu/Sato. One of ordinary skill in the art would have added this feature into Shimizu/Sato with the motivation to provide a more effective and accurate invention for managing & monitoring communicated patient medical data. (see at least Russek Column:3 Lines:50-67 Column:4 Lines:1-64 Claims:14-16)

Claim 57

The combination of Shimizu/Sato disclose all the limitation of claim 56. Russek further discloses the following limitation:

- *the third time period is equal to or less than the second time period;* (see at least Russek Column:8 Lines:20-30 Column:9 Lines:22-59 Column:12 Lines:37-50 Column:13 Lines:14-19 Column:14 Lines:16-26 Claims:1)

It would have been obvious to one of ordinary skill in the art to add the feature of Russek into Shimizu/Sato. One of ordinary skill in the art would have added this feature into Shimizu/Sato with the motivation to provide a more effective and accurate invention for managing & monitoring communicated patient medical data. (see at least Russek Column:3 Lines:50-67 Column:4 Lines:1-64 Claims:14-16)

Response to Arguments

14. Applicant's arguments filed 23 August 2010 have been fully considered but they are not persuasive.
15. Examiner points out that the Applicant's claims have been amended, and thus they have been re-addressed with new prior art.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Any inquiry of a general nature or relating to the status of this application or concerning this communication or earlier communications from the Examiner should be directed to **Rajiv J. Raj** whose telephone number is **(571) 270-3930**.

The Examiner can normally be reached on Monday-Friday, 7:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, **Robert Morgan** can be reached at **571.272.6773**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or (571) 272-1000.

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Alternatively, official replies to this Office action may still be submitted by any **one** of fax, mail, or hand delivery. **Faxed replies should be directed to the central fax at (571) 273-8300.** Mailed replies should be addressed to "Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450." Hand delivered replies should be delivered to the "Customer Service Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314."

Date: 03/12/12

/RJR/
Patent Examiner Art Unit 3686

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